Speculum Uranicum;

OR, AN

ALMANACK

AND

PROGNOSTICATION

For the Year of our Lord God 1696.

Being the

Biſſextile or Leap Year.

And from the Creation of the World, according to Sacred Writ, 5645.

Wherein is Contain'd the ſtate of the Year, the Eclipſes, Lunations, Conjunctions, and Aſpect of the Planets and Mereorological Obſervations, with the Riſing, Southing, and Setting of the Sun, Moon, Planets, and fixed Stars, throughout the whole Year, whereby may be known the hour of the Night, when the Moon, Planets, & fixed Stars are to be ſeen above our Horiſon.

Calculated according to Art, and Referred to this Horiſon of the famous City of *London*, whoſe Longitude is 24 degr. 20 min. Latitude 51 degr. 32 min. and may ſerve, without any ſenſible Errour, the whole Kingdom of *England*.

By THOMAS FOWLE *Mathemat.*

God made two great Lights, the greater Light to Rule the Day, and the leſſer Light to Rule the Night. He made alſo the Stars. Geneſis, Chap. 1. verſe 16.

LONDON:
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The Common Notes of this present Year, 1696.

According to

The Julian, English, or Old Account,		The Gregorian, Foreign, or New Account.	
	The Golden Number.		
25	The Cycle of the Sun.	25	
6	The Epact.	26	
	The Dominical Letters.	A G.	
4	The Roman Indiction.	4	
February 22	Shrove Sunday.	March	4
April 12	Easter Sunday.	April	22
May 17	Rogation Sunday.	May	27
May 21	Ascention day.	May	31
May 31	Whit-Sunday.	June	10
June 7	Trinity Sunday.	June	17
November 29	Advent Sunday.	December	2

The Terms and their Returns this Year.

Hillary Term, begins *January* the 23. and ends *February* the 12. and hath 4 Returns, *Viz.*

Octab. Hillary, Jan.	20
Quind. Hillary. Jan.	27
Craſt. Purif. Feb.	3
Octab. Purif. Feb.	10

Easter Term begins *April* 29. and ends *May* the 25th, and hath 5 Returns, *viz.*

Quind. paſc. April	27
Tres paſc. May	4
Menſ. paſc. May	11
Quinq. paſc. May	18
Craſt. Aſcenſ. May	22

Trinity Term begins *June* 12. and ends *July* 1, and hath 4 Returns, *viz.*

Craſt. Trin. June	8
Octab. Trin. June	15
Quind. Trin. June	22
Tres Trin. June	29

Michaelmas Term begins *October* 23, and ends *November* the 28th, and hath 6 Returns, *Viz.*

Tres. Mich. October	21
Menſ. Mich. Octob.	27
Craſt. Anim. Nov.	3
Craſt. Mart. Nov.	12
Octab. Mart. Nov.	19
Quind. Mart. Nov.	25

A Table shewing what Day and Hour of the day in every Month any of the 5 Planets ♄, ♃, ♂, ♀, and ☿, may be seen with (or near) the Moon, by which you may know them from other fixed Stars, which may be easily understood.

Months	♄		♃		♂		♀		☿	
	da.	ho.	da.	ho.	da.	ho.	da.	ho.	da.	ho.
January	23	2 p.	14	4 a.	12	8 p.	20	9 p.	23	6 p.
February	19	4 a.	10	6 a.	8	10 a.	19	11 a.	23	8 p.
March	17	6 p	8	5 a.	5	10 p.	20	3 a.	22	1 a.
April	14	2 a.	4	6 a.	2	4 a.	18	11 p.	19	10 a.
					30	12 p.				
May	11	6 a.	1	0	28	8 a.	18	9 p.	20	10 p.
			28	10 p.						
June	7	11 a.	25	6 p.	25	10 p.	17	10 p.	21	4 p.
July	4	6 p.	23	3 a.	24	3 p.	18	3 a.	19	9 a.
August	1	4 a.	19	9. p	22	10 a.	17	11 a.	15	5 a.
	28	9 a.								
September	24	6 p.	16	3 p	20	6 a.	18	12 p.	17	8 a.
October	22	1 a.	14	10 a	19	2 a.	17	9 a.	18	2 a.
November	18	10 a.	11	4 a	17	1 a.	16	1 p.	13	12 p.
December	15	11 p	8	10 p.	15	11 p.	16	1 p.	12	12 p.

If you would know at what time in any Month any of the Planets will be with the Moon, look into this Table, and you have your desire.

Example.

If you would know when *Saturn* will be with the Moon every Month, look into the Collumn that hath *Saturn* at the top, and against *January*, you shall find 23 days and 2 hours; in the Afternoon, *Saturn* will be with the Moon, as the Letter (*p*) Annexed thereunto doth declare, for the Letter (*p*) stands for (*post*) Afternoon, and the Letter (*a*) stands for (*ante*) before Noon: And also *Jupiter* will be with the Moon the 14 day of *January*, at 4 of the Clock in the Morning, as the Letter (*a*) Annexed thereunto doth denote; and so of the rest in the Table, &c. It is very easie to be understood, and for most men to Apprehend it.

January hath XXXI days.

First Quarter 1 day, a little before noon
Full Moon the 9 day, 36 min. past 7 in the morning.
Last Quarter the 17 day, about 10 a Clock bef. noon.
New Moon the 24 day, 36. min. past 5 morning.
First Quarter the 30 day, 49 min. past 11. night.

1	a	New years D.	head	12	A. 51	Saturn combust.
2	b	Abel.	neck	0	M. 51	The Month and Year
3	c	Enoch.	neck	2	D f. 1	begins with cold air,
4	d	Sun r. 7. 57.	arms	3	8	with Rain or Snow.
5	e	Simeon.	arms	4	13	Jupit. south 4 h. 1. m.
6	f	Epiphany.	arms	5	11	△ ☉ ♃ clear air and
7	g	Felix.	breast	6	3	△ ♂ ☿ inclin. to fro.
8	a	Lucian.	breast	6	43	□ ♂ ♀ Abo. this time.
9	b	Sun set 4. 8.	heart		D ris.	Mars so. 2. ho. 48. m.
10	c	Paul Erem.	heart	6	A. 24	☉ in ♒.
11	d	Hyginus.	heart	7	27	D Apog.
12	e	1 aft. Epiph.	belly	8	31	♂ ♄ ☿. Cold sharp
13	f	Hillary.	belly	9	36	Winds with some Sn.
14	g	Sun r. 7. 45.	reins	10	39	or cold Rain.
15	a	*Maurc.*	reins	11	46	
16	b	Marcellus.	reins	12	53	△ ♃ ☿. High Winds,
17	c	Anthony.	secrets	0	M. 53	with var. weath.
18	d	Sun s. 4. 21.	secrets	2	2	Venus. r. 4 h. 27. m.
19	e	2 aft. Epiph.	thighs	3	11	
20	f	Sebastian.	thighs	4	16	
21	g	Agnes.	knees	5	14	☿ rises before ☉.
22	a	Vincent.	knees	5	57	♄ ♀ Pleasant Air,
23	b	Term begin.	legs	6	37	the time considered.
24	c	Sun r. 7. 30	legs		D set.	D Perig.
25	d	Con. S. Paul.	feet	6	A. 32	Day 9 hours.
26	e	3 aft. Epiph.	feet	8	0	
27	f	Agnes feast.	head	9	9	
28	g	Carolus mag.	head	10	36	
29	a	Sun s. 4. 39.	neck	11	48	
30	b	K. Char. 1. m.	neck	12	58	Cold rain or snow
31	c	Cyriac.	neck	0	M. 58	△ ♂ ♀ at the end.

Full Moon the 8 day, 10 min, past 3 in the morn.
Last Quarter the 16 day, about 1 a Clock morning.
New Moon the 21 day, 20 min. past 3 afternoon.
First quarter the 29 day, 43 min. past 3 afternoon.

D.	W.	Rem. da wit. Sun rise & set.	Moon's Sign.	Moon rise and set	The Planets, Aspects and weathe., &c.
1	D	Bridget.	arms	2 M. 4	☌☉☿ The m. beg
2	C	Candle. day.	arms	3 D set. 1	with high wind, with
3	f	Sun. r. 7. 14.	breast	3 5	cold rain or Snow.
4	g	Gilbert.	breast	4 37	Saturn r. 5 h. 39. m
5	a	Agatha.	breast	5 1	
6	b	Dorothy.	heart	5 47	Apog.
7	C	Will. B. Y.	heart	6 13	☍☌☿ ☉ in ♓.
8	D	Sun s. 4. 56.	belly	☽ ris.	Cold sharp air about
9	E	Septuages.	belly	7 A. 26	this time.
10	f	Scholastica.	belly	8 29	☍☉☌.
11	g	Euphrosma	reins	9 33	Day 10 hours.
12	a	Term Ends.	reins	10 4	Jupit. s. 1 ho. 15. m
13	b	Wostan.	secrets	11 46	
14	C	Valentine.	secrets	12 54	About these days cold
15	D	Sun r. 6. 53.	thighs	0 M. 54	☌♄☿ rain or snow,
16	E	Sexagesima.	thighs	2 0	△♃☿ and much va-
17	f	Dioscord.	thighs	2 57	✶♄☿ riery of wea-
18	g	Concord.	knees	3 45	☍♃☿ ther, viz.
19	a	Sabine.	knees	4 32	Mars r. 11 ho. 23 A.
20	b	Mildred.	legs	4 56	☽ Perig. high winds
21	C	Sun s. 5. 20.	legs	5 36	△♄♃ and stormy.
22	D	Peters Cha.	feet	☽ set.	✶☿☿.
23	E	Quinquages.	feet	6 55	Venus ri. 4 ho. 49 m.
24	f	S. Matthias.	head	8 14	
25	g	Shrove Tues.	head	9 33	
26	a	Cinerum.	neck	10 5	Day 11 hours.
27	b	Augustine.	neck	12 2	Merc. sets after ☉.
28	C	Sun r. 6. 24.	arms	0 M. 2	✶☿☾ Rain at the
29	D	Oswald.	arms	1 0	☽ cum ☊. end.

March hath XXXI days.

Full Moon the 8 day, 51 min. past 7 at night.
Last Quarter the 16 day, 25 min. past 10 before noon.
New Moon the 23 day, about one a Clock in the morn.
First Quarter the 30 day, 22 min. past 9 before noon.

1	D	Quadrages.	breast	2	M.	1	☌☉♃. Warm air at
2	e	Chad.	breast	2	D ſ.	48	ſet. riſ. 4. ho. 2. m.
3	f	Marrine	breast	3		26	☌☉☿ the begin of
4	g	Emb. week.	heart	3		58	the Month.
5	a	Sun r. 6. 14.	heart	4		22	☽ Apog.
6	b	Frideline.	belly	4		48	
7	c	Perpetua.	belly	5		1	
8	D	☽ Sund. Lent.	belly	☽		riſe.	Jup. So. 11 ho. 35. A.
9	e	Prudence.	reins	7	A.	34	☉ in ♈ equal D. and
10	f	Sun ſet 6 0.	reins	8		39	night, each 12 hours
11	g	Cuniber.	ſecrets	9		49	
12	a	Gregory.	ſecrets	10		56	☌☌☿ about theſe
13	b	Theodore.	ſecrets	12		0	☽ cum ☿ days ſtormy
14	c	Sun r. 5. 54.	thighs	0	M.	0	☌☉♀ and bluſt. Air.
15	D	☽ Sund. Lent.	thighs	0		59	Mars So. 9 ho. 24. A.
16	e	Boniface.	knees	1		48	this Month will pro-
17	f	Gertrude.	knees	2		30	duce dry Winds for
18	g	Edward.	legs	3		14	the moſt part.
19	a	Joſeph.	legs	3		41	Venus r. 4 ho. 33 m.
20	b	Sun ſet. 6. 18.	feet	4		6	☽ Perig.
21	c	Benedict.	feet	4		30	
22	D	Mid. L. Sund.	head	4		59	☌ Sta. ad Direct.
23	e	Gotfridus.	head	☽		ſet.	
24	f	Botolph.	neck	8	A	38	
25	g		neck	9		49	Merc. ſets after ☉.
26	a	Sun r. 5. 32.	arms	10		59	☽ cum ♄ Day 13. ho.
27	b	Martian.	arms	11		1	☍♄☿ Cold Cloudy
28	c	Dorothy.	arms	0	M.	1	Air, with ſharp
29	D	☽ Sund. Lent.	breaſt	0		43	Winds.
30	e	Guido.	breaſt	1		31	
31	f	Sun ſet. 6. 37.	heart	2		5	

Full Moon the 7 day, 10 min. past 11 before noon.
Last Quarter the 14 day, 42 min. past 5 afternoon.
New Moon the 21 day, at 11 before noon.
First Quarter the 29 day, at 41 min. past 2 Morning.

1	g	Theodore.	heart	2	M.	32	△☉♂	Warm Air at
2	a	Mary Egipt.	heart	2	☽ r.	58	☽	Apog. the begin-
3	b	Sun r. 5. 16.	belly	3		22	♂ ♃ ☿	ing, but after-
4	c	Ambrose.	belly	3		43	□☉♄.	wards
5	d	Palm Sund.	reins	4		3	Saturn rise 2 h. 13. m.	
6	e	Egesippus.	reins	4		27	Changed to Cold,	
7	f	Perpetuos.	reins	☽	rise		with Rain or Hail.	
8	g	Dionysius.	secrets	8	A	57		
9	a	Sun set 6. 58.	secrets	10		2	☽ cum ☊	☉ in ♉.
10	b	Good Friday	thighs	11		5	✶♄♀	Day 14. ho.
11	c	Leo pap.	thighs	11		52	Jup. South 9 h. 19 A.	
12	d	Easter Sund	knees	12		35	About this time, fine	
13	e	Eas. Mun. d.	knees	☉	M.	35	Springing Showers.	
14	f	Eas. Tuesd	legs	1		1		
15	g	Sun r. 4. 52.	legs	1		46	Mars South 7 h. 40 A	
16	a	Isidore.	feet	2		12	☽ Peri.	
17	b	Cosmie.	feet	2		38		
18	c	Valerian.	feet	3		4		
19	d	Low Sund.	head	3		26		
20	e	Sun set. 7. 18.	head	3		56		
21	f	Adelarius.	neck	☽	set		Venus r. 3 ho. 42 m.	
22	g	Emanuel.	neck	8	A.	45	☽ cum ♍.	
23	a	S. George.	arms	9		49		
24	b	Wilfride.	arms	10		43	About these d, warm	
25	c	S. Mark.	breast	11		31	and pleasant Air.	
26	d	2 aft. Easter	breast	12		8	△☊♃	Day 15 ho.
27	e	Sun r. 4. 29.	breast	☉	M.	8	Mercury r. before ☉	
28	f	Vitalis Mar.	heart	☉		37	□♄♀	About the
29	g	Term beg.	heart	1		7	☽	Apog. end stormy
30	a	Erkenwald.	belly	1		31	△♂☿	if not thund.

May hath XXXI days.

Full Moon the 6 day, 45 min. past 11 afternoon.
Last Quarter the 13 day, 33 min. past 10 afternoon.
New Moon the 20 day, 52 min. past 9 afternoon.
First Quarter the 28 day, 12 min. past 8 afternoon.

1	♉	May Day.	belly	1	M.	52	Saturn r. 34. m.
2	♊	Sun ſ. 7. 39.	belly	2	☽ ſ.	11	About the begin. of
3	♋	3 aft. Easter	reins	2		34	the Month, Showers
4	♌	Feſtum Cor.	reins	2		56	□♄♀ of Rain or
5	♍	Godard.	ſecrets	3		18	△☉♄ hail.
6	♎	John Portl.	ſecrets	3		45	☽ Eclipſed viſible.
7	♏	Sun r. 4. 13.	thighs		☽	rii.	Jupit. ſ. 2. h. 8. m.
8	♐	Appar. S. m.	thighs	9	A.	51	Briſk gales of wind
9	♑	Job.	knees	10		37	△♃♀ about theſe
10	♒	4 aft. Easter.	knees	11		13	☉ in ♊ days,
11	♓	Mamert.	knees	11		48	Mars ſ. 1 ho. 29 m.
12	♈	Gordian.	legs	12		16	△♂♀ ſtormy if
13	♉	Sun ſ. 7. 54.	legs	☌	M.	16	△♄♀ not Thunder,
14	♊	Iſidore.	feet	☌		40	☽ Perig.
15	♋	Brandon.	feet	1		2	Day 16 hours.
16	♌	Peregrine.	head	1		30	□☉♂ heat with
17	♍	5 aft. Easter	head	1		58	Thunder, about
18	♎	Potent.	neck	2		29	Venus r. 3. h. 7. m.
19	♏	Sun r. 3. 58.	neck	3		3	□♂♀ theſe days.
20	♐	Fillen. Reg.	arms		☽	ſets	☌♂♀.
21	♑	Holy Thurſ.	arms	8		29	
22	♒	Oſterius.	breaſt	9		19	Pleaſant Air about
23	♓	Sun ſ. 8. 8.	breaſt	9		59	△♃♀ this time.
24	♈	6 aft. Easter.	breaſt	10		38	□♃♀.
25	♉	Term Ends.	heart	11		0	
26	♊	Bede.	heart	11		29	☽ Apog.
27	♋	Coron. Mar.	belly	11		52	
28	♌	Sun ſ. 3. 51.	belly	12		10	Mercury ſ. after ☉
29	♍	K. Cha. II. N	belly	☌	M.	10	□☉♃ ſome Thund-
30	♎	Petronel.	reins	☌		36	△♄♀. er ſhowers.
31	♏	Whit. Sund.	reins	☌		50	Day 16 ho. 20. m.

June hath XXX days.

Full Moon the 5 day, 48 min. past 9 before noon.
Last Quarter the 12 day, 42 min. past 2 morning.
New Moon, the 19 day, 32 min. past 10 before noon.
First Quarter the 27 day, 58 min. past 2 afternoon.

1	e	Whit. Mund.	secrets	1	M.	16	Saturn So. 2 h. 28 m.
2	f	Whi. Tuesd	secrets	1	☽	41	Pleasant air about
3	g	Emb. Week.	secrets	2		13	☽ cum ♌ the be-
4	a	Sun. r. 3. 49.	thighs	2		49	ginning of the
5	b	Boniface.	thighs	☽	rise.		Month.
6	c	Claudius.	knees	9	A.	12	Jupiter ſ. 12 h. 9 A.
7	d	Trin. Sund.	knees	9		44	☌♂♀ ſtormy Air
8	e	Medrad.	legs	10		14	with rain or hail.
9	f	Tr. Edward.	legs	10		41	☌♃♀.
10	g	Sun ſ. 8. 13.	feet	11		1	☽ Perig.
11	a	St. Barnabas	feet	11		28	☉ in ♋ Long. day.
12	b	Term Beg	head	11		55	being 16 ho. 26 m.
13	c	Anthony.	head	12		23	♂♄♀. great heat,
14	d	1 aft. Trin.	neck	0	M.	23	♂♃♂ with thund-
15	e	Vitus.	neck	0		56	☽ cum ♍.er in ſome
16	f	S. r. 3. 48.	arms	1		35	Mars ſ. 11 h. 30 A.
17	g	Botholp.	arms	2		20	places.
18	a	Marcelline	arms	3		20	
19	b	Gervaſe.	breaſt	☽	ſet.		□♃☿ Pleaſant Air
20	c	Silvertius.	breaſt	8	A.	32	Venus r. 2 h 43. m.
21	d	2 aft. Trin.	heart	8		57	△♄♂. r. and thun
22	e	Sunſet 8. 10.	heart	9		28	□♂♀. ſtorms.
23	f	Etheldred.	heart	9		48	Day 16 h. 20 m.
24	g	S. Joh. Bapt.	belly	10		9	☽ Apog.
25	a	Adelph.	belly	10		26	Mercury ſ. after ☉.
26	b	Joh. & Paul.	reins	10		48	About the end of the
27	c	7 Sleepers.	reins	11		10	month pleaſant Air,
28	d	3 aft. Trin.	reins	11		37	if I miſtake not.
29	e	St. P. & Paul.	secrets	12		4	
30	f	Sun r. 3..56.	secrets	0	M.	4	☽ cum ♌.

July hath XXXI days.

Full Moon the 4 day, 56 min. paſt 6 afternoon.
Laſt Quarter the 11 day, 54 min. paſt 8 before noon.
New Moon the 18 day, a little paſt noon.
Firſt quarter the 27 day, 51 min. paſt 2 in the morn.

1	☌	Term Ends.	thighs	☉	M	39	Saturn So. 2 h 16 m.
2	♃	Viſit Mary.	thighs	1		27	Pleaſant Air abt. the
3	♄	Sun ſet. 8. 2.	knees	2		15	☌☉♃ beginning,
4	♂	Ulricus.	knees	☽	riſe		☌☉♄ but ſoon after
5	☊	4 aft. Trinit.	legs	8	A	11	△♄♃ Thunder.
6	☌	Sexburga ♀	legs	8		37	Day 16 hours.
7	♀	Martialis.	feet	9		2	☽ Perig. and ſtormy.
8	☿	Sun r. 4. 5.	feet	9		30	Jupit. ſets 10 h. 3 A
9	♃	Eldiburga ♀	head	9		56	Pleaſant Air again a-
10	♄	7 Brethren.	head	10		24	bout theſe days.
11	♂	Pius.	neck	10		25	
12	☊	5 aft. Trin.	neck	11		31	☉ in ♌.
13	☌	Margaret.	neck	12		15	☽ cum ♍.
14	♀	Sun ſ. 7. 47	arms	☉	M.	15	☌♄☌ a moiſt Air.
15	☿	Swithin.	arms	1		6	Mars ſets 8 h. 54 A.
16	♃	Oſmond.	breaſt	2		3	Clear Air about this
17	♄	Kenelm.	breaſt	3		4	✶♃☿ time.
18	♂	Roſius.	heart	☽	ſet.		
19	☊	6 aft. Trin	heart.	7	A	11	✶☌☿ Stormy Air,
20	☌	Dog da. beg.	heart	7		46	if not Thunder in
21	♀	Sun r. 4. 23.	belly	8		8	☌☉☿ ſome places.
22	☿	Mary Mag.	belly	8		28	☽ Apog.
23	♃	Appollon.	belly	8		50	
24	♄	Chriſt. V. M.	reins	9		8	Day 14 hours.
25	♂	S. James.	reins	9		23	Venus r. 3 h. 42 m.
26	☊	7 aft. Trin	ſecrets	9		57	☌♀☿ Showers of
27	☌	Martha.	ſecrets	10		30	☽ cum ☌. rain and
28	♀	Sun ſet 7.24.	thighs	11		14	✶☊☌ Thund. like.
29	☿	Martha.	thighs	12		0	Merc. riſ. before ☉,
30	♃	Abdon m.	thighs	☉	M.	0	
31	♄	Ignatius.	knees	1		1	

Auguſt hath XXXI days.

Full Moon the 3 day, 35 min. paſt 1 in the morning.
Laſt Quarter the 9 day, 36 min. paſt 5. afternoon.
New Moon the 17 day, 10 min. paſt 3 afternoon.
Firſt Quarter the 25 day, 15 min. paſt 4. afternoon.

1	f	Lammas.	knees	2	M.	9	Day 14 ho. 42 m.
2	g	8 aft. Trin.	legs	3		24	Sat. Sout. 10 h. 1 A.
3	a	Invent. Stev.	legs	☽		rif.	
4	b	Sun r. 4. 44.	feet	7	A	3	☽ Perig. Thunder
5	c	Feſtum nivis	feet	8		1	□ ♄ ♂ and Rain a-
6	d	Tranſ. Chri.	head	8		30	bout theſe days.
7	e	Donatius	head	9		1	Jupit. ſ. 8 ho. 16 A.
8	f	Cirriack.	neck	9		36	☽ cum ♍.
9	g	9 aft. Trin.	neck	10		53	✶ ♂ ♀ Some Show-
10	a	Laurence m.	arms	11		7	ers of Rain about
11	b	Gilbert. B.C.	arms	12		3	this time.
12	c	Clare V.	breaſt	0	M.	3	☉ in ♌.
13	d	Sun ſet 6. 59.	breaſt	0		59	
14	e	Euſebius Co.	breaſt	2		10	
15	f	Aſſu. Mary.	heart	3		11	Mars ſets 8 h. 31 A
16	g	10 aft. Trin.	heart	4		7	Good Harveſt wea
17	a	Octob. Laur.	belly	☽		ſets	ther ab. theſe days.
18	b	Helena.	belly	6	A.	38	☽ Apog.
19	c	Sun r. 5. 12.	belly	7		0	
20	d	Bernard.	reins	7		25	
21	e	Richard.	reins	7		42	
22	f	Oct. Aſſump	ſecrets	8		7	Venus Sub-radius.
23	g	11 aft. Trin.	ſecrets	8		37	☌ ☉ ♀ Winds and
24	a	S. Barthol.	ſecrets	9		3	☽ cum ☊ Rain if not
25	b	Sun ſ. 6. 36.	thighs	9		55	✶ ♂ ♆ Thunder.
26	c	Zopherin.	thighs	10		48	Mercury riſ. bef. ☉.
27	d	Dog. da. end.	knees	11		52	
28	e	Auſtin.	knees	13		0	Day 13 hours.
29	f	Decol. John.	legs	1	M.	0	the Month ends with
30	g	12 aft. Trin.	legs	2		25	△ ♄ ♀ cool Air and
31	a	Adrian.	feet	3		46	☽ Perig. ſome Rain.

Full Moon the 1 day, 21 min. past 9 morning.
Last Quarter the 8 day, 17 min. past 5 morning.
New Moon the 16 day, about 8 in the morning.
First Quarter the 24 day, 29 min. past 3 morning
Full Moon the 30 day, 52 min. past 5 afternoon.

1	f	Egidius.	feet	☽ rif.		△☉♄ a ſtormy and
2	g	Sun r. 5. 40.	head	6 A.	36	△♄☿ windy Air,
3	a	Mamert.	head	7	9	☌☉☿
4	b	Theodoſia.	neck	7	45	Saturn ſ. 7 ho. 54 A.
5	c	Bertinus.	neck	8	25	☽ cum ♆. with ſho.
6	D	13 aft. Trin.	arms	9	13	of rain about the be-
7	e	Sun ſ. 6. 16.	arms	10	7	ginnin. of the month.
8	f	Nat. V. Mary.	arms	11	8	
9	g	Gorgon.	breaſt	12	1	☌♀☿.
10	a	Hillar. Pa.	breaſt	○ M.	13	Jupiter Sub-radius.
11	b	Felix.	heart	1	13	☌♃☿ pleaſ. wea.
12	c	Sun r. 6. ○	heart	2	1	☉ in ♎. ☌♃♀. about
13	D	14. aft. Trin.	belly	3	20	Day 12 hours.
14	e	Exalt. Crucis	belly	4	24	☽ Apog. theſe days.
15	f	Emb. week.	belly	5	23	
16	g	Edith.	reins	☽ ſets.		Mars ſets 7 h. 19 A.
17	a	Lampert.	reins	6 A.	○	✶♄☌. variable
18	b	Vict. & Cor.	ſecrets	6	21	☌☉♃ weather
19	c	Sun. ſ. 5. 48.	ſecrets	6	50	□♄☿ bout this time
20	D	15 aft. Trin.	ſecrets	7	24	☽ cum ☊.
21	e	S. Matthew.	thighs	8	2	
22	f	Maurice.	thighs	8	53	Venus ſ. 5 h. 48 A.
23	g	Tecla Vir.	knees	9	52	□♄♀. ſhowers of
24	a	Rupert.	knees	10	59	rain about theſe days.
25	b	Sun. r. 6. 34.	legs	12	12	
26	c	Cyprius.	legs	☽ M.	12	Mercury ſets after ☉.
27	D	16 aft. Trin.	legs	1	29	Day 11 hours
28	e	Wenceſl.	feet	2	49	☽ Perig. warm air
29	f	S. Michael.	feet	4	99	about the end of the
30	g	Hieronym.	head	full	●	month.

October hath XXXI days.

Last Quarter the 7 day 23 min. past 9 at night.
New Moon the 16 day at one a Clock Morning.
First Quarter 23 day 50 min. past noon.
Full Moon the 30 day, 30 min. past 4 morning.

1	a	Aemigius.	head	5	A.	48	♂☌♀. Cold rain at
2	b	Sun r. 6. 38	neck	6	☽ r.	34	□☉♄ the begin. of
3	c	Candidus.	neck	7		21	☽ cum ♍. the month.
4	d	17 aft. Trin.	arms	8		14	Saturn ſ. 10 h. 7. A.
5	e	Apollin.	arms	9		7	
6	f	Fides.	breaſt	10		6	
7	g	Marcus. &c	breaſt	11		12	
8	a	Sun ſ 5. 10	heart	12		14	
9	b	Dionyſius	heart	0	M.	14	Jupiter r. 5 h. 26 m
10	c	Gideon.	heart	1		18	✶♄☿. Cold winds
11	d	18 aft. Trin.	belly	2		21	Day 10 hours about
12	e	Colman.	belly	3		22	☽ Apog. theſe days.
13	f	Edward.	reins	4		28	☉ in ♏.
14	g	Sun r. 7. 2.	reins	5		16	
15	a	hedwig.	reins	6		35	Mars ſ. 6 ho. 28, A.
16	b	Gallus.	ſecrets	☽	ſet.		☽ cum ♌.
17	c	Wolſtan.	ſecrets	5	A.	31	✶♄☿. Showers of
18	d	19 aft. Trin.	thighs	6		11	Rain ab. this time.
19	e	St. Luke.	thighs	6		58	
20	f	S. ſ. 4. 46.	knees	7		56	Venus ſ. 6 h. 59 A.
21	g	40 Vir. Mart.	knees	8		59	
22	a	Cordula.	knees	10		11	Warm air about this
23	b	Term beg.	legs	11		22	✶♃♂ time, the ſea-
24	c	Salome.	legs	12		38	ſon conſidered.
25	d	20 aft. Trin.	feet	0	M.	38	Mercury ſ. aft. ☉.
26	e	Sun r. 7. 24.	feet	1		54	☽ Perig.
27	f	Urſula.	head	3		11	about the end of the
28	g	S. Si. & Jude.	head	4		29	Month Cold Rain
29	a	Narciſſus.	neck	5		49	Day 9 hours. may be
30	b	German.	neck	☽	riſe.		☽ Eclipſed viſible.
31	c	Sun ſ. 4. 27.	arms	6	A.	0	♂♀☿. expected.

November hath XXX days.

Last Quarter the 6 day, 32 min. past 4 afternoon.
New Moon the 14 day, 12 min. past 5 afternoon.
First Quarter the 21 day, 16 min. past 8 in the night.
Full Moon the 28 day, 22 min. past 5 evening.

1	☽	All Saints.	arms	6 A.	58	Saturn s. 8. h. 3. A.
2	☾	All Souls.	breast	7 ☽ ris.	56	✱ ☉ ♄ Cold raw
3	f	Sun r. 7. 38.	breast	9	4	weather about these
4	g	Amantius.	breast	10	13	days with Rain or
5	a	Powd. Plot.	heart	11	7	Snow.
6	b	Leonard.	heart	12	10	
7	c	Florent.	belly	0 M.	10	Jupiter r. 4 h. 10 m.
8	☽	22 aft. Trin.	belly	1	11	☽ Apo. D. 8 h. 30 m.
9	☾	Sun. set. 4. 14.	belly	2	14	✱ ♃ ♀ mild Air a-
10	f	Mart. Pope.	reins	3	17	☌ ☉ ☿ bout this time
11	g	Martin. Bish.	reins	4	19	☉ in ♐ with some
12	a	Eugenia.	secrets	5	26	winds.
13	b	Brice.	secrets	6	31	
14	c	S. rise 7. 53.	thighs	☽ sets		Mars s. 5 h. 54. A.
15	☽	23 aft. Trin.	thighs	4 A	51	✱ ♄ ☿ a cold stormy
16	☾	Othmarus.	thighs	5	35	Air about these days
17	f	Aniarus.	knees	6	45	may be expected,
18	g	Oct. Mart.	knees.	8	1	and also some Frost.
19	a	Elizabeth.	legs	9	9	
20	b	Sun set. 4. 0.	legs	10	22	Day 8 hours.
21	c	Oblat. V. M.	feet	11	39	Venus s. 5 h. 29 A.
22	☽	24. aft. Trin.	feet	12	50	☽ Perig.
23	☾	Clement.	head	0 M.	50	
24	f	Chrisogon.	head	2	6	
25	g	Catharine.	neck	3	21	✱ ♄ ☿ Cold Winds
26	a	Sun ris. 8. 6.	neck	4	36	with Rain or Snow.
27	b	Agricola.	arms	5	54	☿ rise before ☉.
28	c	Term Ends.	arms	☽ ris.		About the end,
29	☽	Adven. Sund	arms	5 A.	32	wind and showers
30	☾	S. Andrew.	breast	6	38	☌ ♂ ♀ of rain.

December hath XXXI days.

Last Quarter the 6 day, 42 min. past noon.
New Moon the 14 day, 4 min past 8 in the morning.
First Quarter the 21 day, 49 min. past 3 in the morn
Full Moon the 28 day, 49 min. past 8 in the morning.

1	f	Daniel.	breast	7	A.	40	Saturn ſ. 6 ho. 30 A.
2	g	Libanus.	heart	8		45	Pleaſant air about the
3	a	Sun ſ. 3. 48.	heart	9	☽ r.	49	☌ ☉ ☿ beginning of
4	h	Barbara.	belly	10		50	the month.
5	c	Sabba.	belly	11		50	About the middle of
6	d	2 Advent.	belly	12		51	☽ Apog. the m. ♄ ♂.
7	e	Ambroſe.	reins	0	M.	51	□ ♃ ♀. & ♀ may be
8	f	Conce. V.M.	reins	1		54	♂ ♄ ♀ ſeen near tog.
9	g	Cyprian.	ſecrets	2		58	Jupiter r. 2 h. 18 m.
10	a	Sun r. 8. 13.	ſecrets	4		4	☽ cum ☊ in the Ev.
11	b	Damaſus.	ſecrets	5		4	☉ in ♑ ſhorteſt day,
12	c	Epimach.	thighs	6		9	□ ♃ ♂ bein. 7 h. 34 m.
13	d	3 Advent.	thighs	7		7	ſetting South-Weſt.
14	e	Othy Virg.	knees	☽	ſets.		☌ ♄ ♂ Windy air, &
15	f	Valerian.	knees	5	A.	35	ſtormy ab. the days.
16	g	Emb. Week	legs	6		54	Mars ſets 5 ho. 9 A.
17	a	Lazarus.	legs	7		58	This month for the
18	b	Sun ſ. 3. 50.	feet	9		14	✶ ♃ ☿ moſt part is
19	c	Loth.	feet	10		31	like to be warm and
20	d	4 Advent.	head	11		43	☽ Perig. ſeaſonable.
21	e	St. Thomas.	head	12		59	Venus ſ. 5 h. 28. A.
22	f	30 Mart.	head	0	M.	59	the time conſidered.
23	g	Victor.	neck	2		14	☽ cum ☿.
24	a	Ad. & Eve.	neck	3		27	Mercury r. bef. ☉.
25	b	Chriſt Nativ.	arms	4		34	Let us n. give thanks
26	c	S. Steven.	arms	5		38	to Almighty G. for
27	d	S. John.	breaſt	6		36	ſending his Son into
28	e	S. Innocents	breaſt	☽	rit.		Day 7 ho. 54 m. the
29	f	Sun r. 8. 3.	heart	6	A.	17	World to take our
30	g	David.	heart	7		11	Nature upon him.
31	a	Silveſter.	heart	8		26	Finis An. Julia. 1696.

The Dominion of the Moon in Man's *Body*.
passing under the 12 Zodiacal Conſtellations.

♈ Aries, Head and Face.	♎ Libra, Reins & Loins.
♉ Taurus, Neck and Throat.	♏ Scorpio, Secret Members.
♊ Gemini, Arms & Shoulders.	♐ Sagitarius, Thighs.
♋ Cancer, Breſt and Stomach.	♑ Capricornus, Knees.
♌ Leo, Heart and Back.	♒ Aquarius, Legs.
♍ Virgo, Bowels and Belly.	♓ Piſces, the Feet.

The Characters of the ſeven Planets.

♄ Saturn.	♀ Venus.	☊ Dragons Head
♃ Jupiter.	☿ Mercury.	☋ Dragons Tail
♂ Mars.	☽ Luna, or Moon.	
☉ Sol, or the Sun.		

A Table of the Aſpects both Old and New.
according to Eichſtadius.

Charac.	Names of the Aſpects.	Diſtance. Sig.	de.	The ſeveral ſhapes of the Moon Lights.
☌	Conjunction.	0	00	Novilunium. The. N. Moon.
⚺	Semi Sextile.	1	00	
⚹	Sextile.	2	00	Corniculata. The H. Moon.
⚻	Quintile.	2	12	
☐	Quartile.	3	00	Semiplena. Moon ha. Light.
T.	Tredicile.	3	18	
△	Trine.	4	00	Gibboſa. Moon thr. p. Light.
bq	Biquintile.	4	24	
☍	Oppoſition.	6	00	Plenilunium. The F. Moon.

☞ Note, the Golden Planet Venus is our bright Morning Star from the beginning of the Year until the 23 day of *Auguſt*, then being in Conjunction with the Sun, ſhe becomes Occidental, or our bright Evening Star, until the 12 day of *June*, 1697.

FOWLE, 1696.

An APPENDIX

To the precedent

ALMANACK,

For this present year of Mans Redemption, 1696.

Wherein is contained

I. A brief Chronology of divers memorable Accidents from the Year 1654. unto this present Year 1696.

II. A Table of the Reigns of each King and Queen in *England* since the Conquest to this present Year.

III. A Table of the Moons coming to the South every day this Year; with Rules to find the time of full Sea in most Sea-Towns in and about *England*.

V. A Table of the Coming to the South of the Seven Stars; with Rules to find the time of the Rising, Southing, and Setting of some other fixed Stars: very useful for to find thereby the Hour of the Night.

V. Something touching the Nature of Eclipses.

VI. Of the Eclipses that will happen this Year.

VII. Of the Four Quarters of the Year, and Observations, with Astrological Conjectures upon the same.

useful and pleasant for those that desire such a Work.

By THOMAS FOWLE, Mathem.

The beauty of Heaven are the glorious Stars, and the ornament that shineth in the high places of the Lord; by the Commandment of the holy one, they continue in their order and fail not in their watch. Eccl. 43. 9, 10.

LONDON,

Printed by *M. C.* for the Company of *Stationers*. 1696.

To the Reader.

Courteous Reader and friendly, I have by the goodneſs of a gracious God, attained to the 64. year of my Age, and to you that fear God and regard his wonderful works I direct theſe lines, this my ſeventeenth years labor, and leave the reſt to anſwer for their contempt another day. I have in this year given you my judgment upon which will try a mans brain what metal they are made of: but herein we intermeddle not in the leaſt with the decrees of the Omnipotent God, who in a moment many times acts contrary to humane preſcience, for we deny fatal neceſſity, or that acts ſignified by celeſtial Configurations muſt neceſſarily or unavoidably ſo happen or come to paſs, as by us predicted. We ſay reaſon, religion, ſobriety and all ſuch vertues are able to contradict the worſt ſignification of the ſtars: he who lives according to the dictates of the divine word is above the reach of any malignant effect of the ſtars, he who lives a diſſolute and ſenſual life, here and upon him or ſuch like perſon the ſtars pour down their dire influence, and he is ſubject to their male effects and puts them into execution we only conclude, the heavenly bodies incline or manifeſt the temperature of man either to be vicious or vertuous, but in no wiſe compel the inclination to be ſuch. And laſtly as for ſuch Criticks who make it their buſineſs to carp at, and undervalue like the fox in the fable, what they are not able to attain to I can ſilently paſs by their ſcommas and reflections and laugh at their folly; let ſuch know that they will find it eaſier to carp than to copy.

Yours

Tho. Fowle!

	years.
THE Creation of the World, according to Sacred Writ	5645
Noahs Flood	3980
The destruction of *Sodom* and *Gomorah*	3598
The destruction of *Troy*	2878
Brute entered this Island of *Britain*	2803
The Building the famous City of *London*	2803
The Building of *York*	2685
The building of *Canterbury*	2608
The building of *Rome*	2448
Alexander the Great died	2016
Julius Cæsar was slain	1739
The birth of our blessed Saviour Jesus Christ	1696
Jerusalem was taken by *Titus*	1623
England received the Christian Faith	1506
Duke *William* conquered *England*	619
London Bridge was built with stone	487
The Invention of Guns	3 8
The brave Art and Mystery of Printing	256
The Register Books began in every Parish	158
K. *Henry* 8, won *Bulloign*	153
The use of Coaches came into *England*	143
The great massacre in *France*	135
S. *Pauls* steeple fired by Lightning	135
The Camp at *Tilbury* in *Essex*	108
The Powder-Treasons *November* 5.	91
K. *Charles* the First was born	96
A great Plague in *London*	93
The Comet or Blazing-star, *Nov.* 18.	78
K. *Charles* II. was born *May* 29	66
S. *Pauls* Church began to be Repaired	64
The great fight between the *Spaniards* and *Hollanders*	57
The Long Parliament began *November* 3	56
The battel at *Edg-hill*, Oct. 23	55
The Rebellion in *Ireland* began *Oct.* 23	55
The fight at *Brandford*, Nov. 12	54

Marston Moor fight *July* 2 52
Bp. of *Canterbury* beheaded, *Jan.* 10 52
Newbury second fight *Oct.* 28 52
Naseby fight *June* 12 51
The Mistrether of King *Charles* I. *Jan.* 30. 48
The Long Parliament was pull'd out by *O. Cromwel* 43
The Tyrant *Oliver Cromwell* began his Government 42
Dunkirk delivered to us 41
the L. *Monk* brought in the Secluded Memb. *Feb.* 21. 36
the Healing Parliament, *Apr.* 25 36
King *Charles* II. happily arrived *May* 29 36
a great Earth-quake in *England*, *Jan.* 24 35
Harrison and the rest of the Regecides were executed for murthering their Sovereign *Octob.* 17 35
K. *Charles* II. was crowned at *Westminst.* *Apr.* 23 35
Katharine Qu. Dowager arriv'd in *England* *May* 14 35
three Comets or Blazing Stars appear in 4 Months 31
the first great Sea-Fight between the England Dutch 31
the second Sea-Fight between the Engl. & the Dutch 30
the last great Plague in *London* 30
the dismal Fire in *London* 30
Six hundred Houses burnt in *Southwark* 20
a great Comet seen in *Decemb.* and *Jan.* 16
the Lord *Stafford* beheaded 16
a great Comet seen in *August.* 14
a great Fire at *Wapping* 14
the last great Frost 12
K. *James* II. and Q. *Mary* crown'd at *Westminst.* *April* 23 11
the Duke of *Monmouth* beheaded 11
the bloudy Assizes in the *West* 11
our most gracious King *William* and his Royal Consort Queen *Mary* were crowned at *Westminster* *April* 11 *Anno* 1689 7
K. *William* went into *Ireland* with an Army *Jun.* 4 1690 6
the great Sea-Fight between the Dutch and French 6
a great Sea-Fight between their Majesties Naval Forces and the French, wherein the French were beaten and totally routed *May* 18, 19 days 1692 4
an Earthquake in most parts of *England*, Sept. 8. 4

Since

A

A most plain and easie Table shewing the true time of the beginning, continuance, and years since the reign of each King and Queen in England *since the Conquest until this present Year* 1696.

The KINGS Names.	Began to Reign	Time they Reign'd ye.	m.	d	Since their reign ended years		
W. Conquer	1066 Octob. 14	20	11	22	609	Sept.	9
W. Rufus	1087 Sept. 9	12	11	19	593	August	2
Henry 1	1100 Aug.	35	4	11	161	Decem.	2
King Stephen	1135 Decem. 2	18	11	19	548	Octob.	25
Henry 2	1154 Octob. 25	34	9	2	507	July	6
Richard 1	1189 July 6	9	9	3	497	April	6
King John	1199 April 6	17	7	0	480	Octob.	19
Henry 3	1216 Oct. 19	56	1	0	424	Nov.	16
Edward 1	1272 Nov. 16	34	8	6	388	July	7
Edward 2	1307 July 7	19	8	5	370	Jan.	25
Edward 3	1326 Jan. 25	50	5	7	319	June	21
Richard 2	1377 June 21	22	3	14	296	Sept.	29
Henry 4	1399 Sept. 29	13	6	3	283	March	20
Henry 5	1412 Mar. 20	9	5	13	274	August	31
Henry 6	1428 Aug. 31	38	6	16	236	March	4
Edward 4	1460 Mar. 4	22	1	8	213	April	9
Edward 5	1483 April 9	0	2	18	213	June	18
Richard 3	1483 June 18	2	2	5	211	August	22
Henry 7	1485 Aug. 22	23	10	16	187	April	22
Henry 8	1509 April 22	37	10	2	150	Jan.	28
Edward 6	1547 Jan. 28	6	5	19	143	July	6
Queen Mary	1553 July 6	5	4	22	138	Nov.	17
Qu. Elizabeth	1558 Nov. 17	44	4	16	94	March	24
King James 1	1602 Mar. 24	22	0	3	76	March	27
King Charles 1	1625 Mar. 27	23	10	3	48	Jan.	30
King Charles 2	1648 Jan. 30	36	0	6	11	Febr.	6
King James 2	1684 Feb. 6	4	0	8	7	Febr.	13
King William 3	1688 Feb 13	Whom God grant long to reign.					

My son fear thou the Lord and the King, and meddle not with them that are given to change. Prov. 24. 21.

A Table of the exact time of the Moons Southing to hours and minutes every day for the first six Months of this Year, 1696.

Days	Jan.		Febr.		March		April		May		June	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	5	A. 54	7	A. 5	6	A. 49	7	A. 58	8	A. 8	8	A. 55
2	6	42	7	55	7	38	8	42	8	50	9	45
3	7	32	8	45	8	26	9	25	9	34	10	37
4	8	22	9	32	9	11	10	8	10	23	11	34
5	9	13	10	20	9	55	10	54	11	8	12	31
6	10	4	11	6	10	38	11	33	11	59	0	M. 32
7	10	52	11	41	11	20	12	22	12	53	1	48
8	11	51	12	31	12	3	0	M. 22	0	M. 51	2	36
9	12	28	0	M. 31	0	M. 3	1	15	1	59	3	29
10	0	M. 28	1	10	0	42	2	9	2	56	4	21
11	1	7	1	50	1	32	3	2	3	55	5	8
12	1	49	2	34	2	18	4	0	4	46	5	59
13	2	30	3	24	3	10	4	56	5	36	6	50
14	3	11	4	10	4	4	5	52	6	25	7	39
15	3	54	5	3	5	1	6	48	7	13	8	33
16	4	41	6	0	5	57	7	37	8	7	9	26
17	5	28	6	58	6	55	8	29	8	59	10	19
18	6	19	7	56	8	0	9	20	9	52	11	12
19	7	15	8	56	8	51	10	15	10	43	0	A. 5
20	8	13	9	53	9	42	11	7	11	41	0	56
21	9	15	10	50	10	35	0	A. 2	0	A. 33	1	45
22	10	13	11	44	11	30	0	59	1	27	2	28
23	11	15	0	A. 38	0	A. 27	1	53	2	17	3	8
24	0	A. 12	1	31	1	18	2	45	3	7	3	51
25	0	59	2	21	2	11	3	39	3	54	4	31
26	1	39	3	17	3	6	4	29	4	39	5	13
27	2	37	4	10	4	1	5	16	5	19	5	54
28	3	41	5	2	4	50	6	1	5	59	6	41
29	4	31	5	57	5	41	6	44	6	43	7	28
30	5	21			6	30	7	26	7	23	8	19
31	6	13			7	15			8	8		

A Table of the exact time of the Moon's coming to South in hours and minutes, every day for the last six Months of this Year 1696.

Days	July		August		Septemb.		October		Novemb.		Decemb.	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	9	A. 14	10	A. 49	12	27	0	M. 9	1	M. 50	2	M. 5
2	10	11	11	48	0	M. 7	1	14	2	43	2	53
3	11	10	12	46	1	28	2	10	3	37	3	39
4	12	10	0	M. 46	2	23	3	6	4	26	4	22
5	0	M. 10	1	46	3	19	4	0	5	12	5	1
6	1	15	2	39	4	13	4	52	5	54	5	44
7	2	10	3	32	5	7	5	37	6	34	6	25
8	3	1	4	25	6	0	6	31	7	16	7	8
9	3	57	5	18	6	51	7	15	8	0	7	53
10	4	44	6	10	7	41	7	59	8	43	8	40
11	5	34	7	3	8	26	8	42	9	25	9	27
12	6	26	7	55	9	11	9	24	10	12	10	21
13	7	17	8	45	9	55	10	5	11	0	11	16
14	8	11	9	34	10	38	10	52	11	51	0	A. 11
15	0	4	10	19	11	21	11	33	0	A. 43	1	7
16	9	55	11	3	0	0	0	A. 19	1	37	2	2
17	10	45	11	48	0	A. 48	1	8	2	34	2	55
18	11	32	0	A. 29	1	29	2	1	3	28	3	45
19	0	A. 17	1	10	2	16	2	53	4	20	4	36
20	1	1	1	55	3	6	3	48	5	12	5	25
21	1	44	2	37	3	54	4	41	6	4	6	17
22	2	27	3	21	4	49	5	35	6	54	7	8
23	3	8	4	9	5	44	6	28	7	44	8	1
24	3	49	4	59	6	40	7	21	8	35	8	55
25	4	34	5	51	7	35	8	12	9	27	9	50
26	5	19	6	46	8	30	9	5	10	23	10	45
27	6	8	7	43	9	25	9	59	11	19	11	38
28	7	0	8	41	10	20	10	43	12	13	12	30
29	7	53	9	38	11	15	11	48	0	M. 13	0	M. 30
30	8	53	10	36	12	9	12	43	1	15	1	18
31	9	51	11	31			0	M. 43			1	57

A Tide-Table, wherein is shewed what Moon makes a full Sea, and what hour and minute in any of those places here under written.

Moon	H.	M.
Sou. & Nor	0	0
Sou. by W.	0	45
So. So W.	1	30
South West	3	0
S. W. by W.	3	45
West by S.	4	30
West by S.	5	15
East & W.	6	0
East by So.	6	45
Ea. So. East	7	30
So. E. by E	8	15
South East	9	0
So. E. by S.	9	45
So. So. East	10	30
Sou. by Ea.	11	15

Quinborough Southamp. Portsmouth, S. Well Rocheſter, Maldon, Aberdon, Redban, Gravesend, Romney, Tennant, Ramk. Downs, London Tinmouth, Hurtle-pool Amſterdam Barwick, Oſtend, Scarbor. Fluſhing Font. Frith, Leigh, Dumbar, Narb. Silly, Monſh. Falmouth, Hog, Humber, Newcaſtle, Torbay Lin, Antwerp, Plimouth, Hull Briſtol, Lanon, Foulneſs Milford, Bridgwater, Northcoaſt, Exwater Portland, Peterport, Hareſlow, Hague Orkney, Pool, S. Hellen, Orkwell, Flee, Edd Orford, Needles, Deep, Lux, Lenow Cask Dover, Yarmouth, Harwich, Dublin Callice, Rye, Winchelſey, Calſhot.

The Uſe of this Table by Example.

The 6 day of *January* I deſire to know at what time it will be full Sea at *London*; firſt I get the time of the Moons coming to the South by the preceeding Table, which I find to be at 10 hours 4 min. in the Afternoon; then in this Table above I ſeek for *London*, and right againſt it I find South-Weſt in the ſecond row, which ſheweth, that a South-Weſt and a North-Eaſt Moon makes a full Sea there; alſo in the third row I find 3 hours which being added to 10 h. and 4 m. (the time of the Moons coming to the South that day) the Sum 13 h. and 4 m is for the time of full Sea at *London* Afternoon; that is at 1 h. 4 m. the 7. of *January* morn.; and the like is to be obſerved for any other place mentioned in the ſaid Table.

But you are to note, the Tides do not always fall out exactly at the time found in this Table, by reaſon of the difference of the Moon's Latitude, boiſterous Winds, Land-floods,

floods, &c. which may cause them to err at some times from the time that is here found; but this is the exactest rule that can be given generally for finding of them; and for supplying of that defect, I have calculated the Table for the Moons Southing according to her Latitude, therefore the Error aforesaid will be less.

Note also that at *Quinborough*, *Southampton*, *Portsmouth*, and *Wellens*, that a South and North Moon makes a full Sea there at those places, therefore find the Moon coming to the South by the Table of her Southing, and the same sheweth the time of full Sea there: But for any other place you must add the hours and minutes standing against the same in the Tide-Table, to the hours and minutes of the Moons coming to the South, and the Aggregate sheweth the time of High-water in any other place noted in the said Tide-Table; which is so easie a thing to understand, that to explain it further is needless.

The Sea hath fits much like this giddy Age,
Sometimes she pines, anon she swells with rage,
And makes a Rupture where she overflows
The fertile Banks yet never further goes
(without a Miracle) than Natures Bounds;
Or if we think she do's; 'tis where some Towns
Encroach upon her interest; for she
Is full as constant, far more just than we.
God spread the Seas, which then he did command
To swell with winds, and compass round the Land.
To those he adds Springs, Ponds, and Lakes immense,
And Rivers which their winding Borders sence:
Of those not few, Earths thirsty jaws devour,
The rest their streams into the Ocean pour.
When in that liquid Plain with freer wave,
In foamy Cliffs, instead of Banks they lave.

A Table shewing when the VII. Stars come to the South every day in the first six Months this Year 1695.

Days	January h.	m.	Febr uar h.	m.	March h.	m.	April h.	m.	May h.	m.	June h.	m.
1	7	A. 54	5	A. 45	3	A. 55	2	A. 2	0	A. 9	10	M. 3
2	7	49	5	41	3	51	1	58	0	5	9	59
3	7	45	5	37	3	47	1	54	0	1	9	55
4	7	40	5	33	3	43	1	50	11	57	9	50
5	7	36	5	29	3	40	1	46	11	M. 53	9	46
6	7	31	5	25	3	37	1	43	11	49	9	42
7	7	27	5	21	3	33	1	40	11	45	9	38
8	7	23	5	17	3	30	1	36	11	41	9	34
9	7	19	5	13	3	26	1	32	11	37	9	30
10	7	14	5	9	3	24	1	28	11	33	9	26
11	7	10	5	5	3	20	1	25	11	29	9	21
12	7	6	5	1	3	15	1	21	11	25	9	17
13	7	2	4	58	3	12	1	17	11	21	9	13
14	6	58	4	54	3	8	1	14	11	17	9	9
15	6	54	4	50	3	4	1	10	11	13	9	5
16	6	49	4	47	3	0	1	6	11	9	9	0
17	6	45	4	43	2	56	1	2	11	5	8	56
18	6	40	4	39	2	53	0	59	11	1	8	53
19	6	36	4	35	2	50	0	55	10	57	8	48
20	6	32	4	31	2	46	0	52	10	53	8	44
21	6	28	4	28	2	42	0	48	10	49	8	40
22	6	24	4	24	2	38	0	44	10	45	8	36
23	6	20	4	20	2	34	0	40	10	41	8	32
24	6	16	4	17	2	30	0	36	10	37	8	28
25	6	12	4	13	2	28	0	32	10	33	8	24
26	6	8	4	9	2	24	0	28	10	30	8	19
27	6	4	4	5	2	0	0	25	10	25	8	15
28	6	0	4	1	2	16	0	21	10	21	8	11
29	5	56	3	58	2	13	0	17	10	16	8	7
30	5	52			2	9	0	13	10	12	8	3
31	5	49			2	6			10	7		

A Table shewing when the VII. Stars come to South every day in the last six Months this Year 1650.

Days	July h.	m.	August h.	m.	Septemb. h.	m.	October h.	m.	Novemb. h.	m.	Decemb. h.	m.
1	7	M. 59	5	M. 58	4	M. 5	2	M. 9	0	M. 19	10	A. 10
2	7	55	5	54	4	2	2	13	9	14	10	6
3	7	51	5	50	3	59	2	11	0	10	10	2
4	7	46	5	45	3	55	2	8	0	6	9	58
5	7	42	5	41	3	51	2	4	0	2	9	54
6	7	38	5	38	3	48	2	0	11	A. 58	9	50
7	7	34	5	34	3	44	1	56	11	54	9	46
8	7	30	5	30	3	41	1	53	11	50	9	42
9	7	26	5	26	3	37	1	50	11	46	9	38
10	7	22	5	22	3	33	1	46	11	42	9	34
11	7	18	5	19	3	29	1	42	11	38	9	29
12	7	14	5	15	3	25	1	38	11	34	9	24
13	7	10	5	11	3	23	1	34	11	29	9	19
14	7	6	5	8	3	19	1	30	11	24	9	14
15	7	2	5	4	3	15	1	26	11	20	9	6
16	6	58	5	0	3	11	1	22	11	16	9	4
17	6	54	4	57	3	8	1	18	11	12	8	59
18	6	51	4	53	3	4	1	15	11	8	8	54
19	6	49	4	49	3	0	1	11	1	4	8	50
20	6	45	4	46	2	57	1	8	10	59	8	45
21	6	42	4	42	2	53	1	4	10	54	8	41
22	6	39	4	38	2	49	1	0	10	50	8	37
23	6	35	4	34	2	45	0	56	10	45	8	33
24	6	31	4	30	2	41	0	51	10	41	8	28
25	6	27	4	27	2	38	0	47	10	37	8	24
26	6	23	4	23	2	35	0	43	10	33	8	19
27	6	18	4	19	2	31	0	39	10	28	8	15
28	6	14	4	15	2	27	0	35	10	24	8	11
29	6	10	4	11	2	23	0	31	10	19	8	6
30	6	6	4	9	2	20	0	26	10	14	8	2
31	6	2	4	7			0	22			7	58

The Use of the foregoing Table of the Pleiades or VII. Stars, as to their Southing, Rising, and Setting with us in the Latitude of

First of their Southing, which is found by Inspection. Suppose I would desire to know when the 7 Stars are South the 15 day of *January*; I look in the Column of Days, and against 15 under *January* I find 6. 54. which tells me that they come to the South the said 15 day of *January* at 6h. and 54m. Afternoon, or in the Evening of that day, as (A) over-head stands for Afternoon, and (Mo) for Morning. Do so for all other days in the Year.

Secondly to find the rising of the Pleiades. Herein you must first know, that the Semidiurnal Ark of this Constellation is 8h. 16m. which is your Guide in this matter; this premised. I would know when the 7 Stars rise on the aforesaid 15 day of *January*, which I find by subtracting the Semidiurnal Ark from the time of Southing, by adding 12 ho. to the time of Southing; if otherwise, Subtraction cannot be made and the remainder is the time of their rising.

Example

	h.	m.
The time of Southing *Jan.* 15. and 12h. added is	18	54
The Semidiurnal Ark is	8	16
Remains	10	38

Now subtracting 8 h. 16 m. out of 18h. 54 m. (12 h. being added to the time of their Southing) there remains 10 h. 38m. which is the time of their rising that day in the Morning

Thirdly to find the time of their setting. Add the time of Southing to the Semidiurnal Ark, and your Work is done; the time of Southing is 6h. 54m. as before; the Semidiurnal Ark is 8h. 16m. which added together, makes 15h. 10m. which is the time of their setting, that is at 3h. 10m. the next day in the Morning in our Latitude. Do so for all other Days in the Year.

Those that would know more of the *Rising*, *Southing*, and *Setting* of some other of the principal fixed Stars, may make use of the Tables and Rules next following.

A

A Table shewing the Semi-diurnal Arch, and time when any of the Stars therein expressed will come to the South either before or after the Seven Stars, it being of special use to find thereby the hour of the Night.

The Names of the Stars	Time of South in		Semidiurn. A.	
	h.	m.	h.	m.
The brightest of the Seven Stars	0	0	8	16
Aldebaran, or the Bulls Eye	0	49	7	27
Bright Star of Orion	1	31	5	14
The former Foot of Orions *belt*	2	48	5	57
Following shoulder of Orion	2	10	6	39
Bright Foot of Gemini	2	51	7	30
Sirius *the greater Dog*	3	3	4	30
Procyon *the lesser Dog*	3	54	6	30
The North Asellus	4	56	8	14
Head of Hydra	5	44	6	38
Lyons heart called Cor. Leonis	6	23	7	14
Bright Star of the Lions flank	7	29	8	12
Tail of the Lion	8	4	7	32
Vindemiatrix	9	18	7	9
The Virgins Spike	9	40	5	11
Arcturus	10	33	8	42
South balance	11	5	4	40
North balance	11	32	5	17
Bright Star of the Crown	11	57	8	56
Antares *the Scorpions heart*	11	29	3	21
Bright Star of the Scorpions Neck	11	59	6	40
Head of Hercules	10	29	7	21
Tail of the Vultur	8	37	7	14
Bright Star of the Vultur	7	53	6	43
Bright horn of the Goat	7	28	4	48
Schedir *in Cassiopea.*	3	6	Set not.	

God counteth the number of the Stars, and calleth them all by their Names. Psalm 147. v. 4.

The Explanation and Use of the Table beforegoing of the Fixed Stars, serving for the time of their Rising, Southing and Setting, in our Latitude.

THE beforegoing Table of the Fixed Stars is divided into three Columns; in the first is set down the Names of some of the principal noted Stars; in the second is noted or shewed the time of their Southing, in hours and minutes, either before or after the 7 Stars, as the letters (a) and (b) denote; for (a) sheweth *after*, and (b) *before*; in the third and last Column is noted the *Semi-diurnal* Ark of the said Star expressed in the said Table in hours and minutes, as *Aldabaran*, or the Bulls Eye comes to the South 49 minutes after the seven Stars, as (a) denotes, and *Antares* the *Scorpions* heart comes to the South at 11 hours 29 min. before the seven Stars, as (b) denotes; and the said Star *Antares* Semidiurnal Ark, is 8 h. 21 m. These things being premised; and first of their Southing.

First you must know the time of the 7 Stars coming to the *South* by their Table, as before I have taught; and then by this Table seek how many hours and minutes the Star given, comes to the South before or after the 7 Stars; then observe, if it comes to the South before the 7 Stars, you are to deduct the hours and minutes found in the aforesaid Table from the time of the 7 Stars coming to the South; but if it comes to the South after, you must make addition; for so the summ or difference will be the true Time of the coming to the South of the said Star.

Example.

The 5. day of *October* the 7 Stars will come to the South (as the Table thereof shews) at 2 of the clock and 4 min. in the morning. And in the Table aforesaid I find the greater Dog comes to the South at 3 h. and 3 min. after; therefore I add those 3 h. 3 min. to 2 h. and 4 min, and the sum 5 h. and 5 min is the time of the greater Dog coming to the South the same morning.

To find the time of Rising and Setting of any of the said Stars. Admit I be required to find the time of the greater Dogs Rising the same day; therefore I seek in the Table,

and I find the Semi-diurnal Ark thereof to be 4 h. 35 m. which I deduct from the time of Southing, 5 h. 7 min. and the reſidue 35 min. ſhews that the ſaid ſtar riſeth the ſaid 5 day of *October* at 37 min. after midnight, or 33 min. before 1 of the Clock the ſame morning. And that you may know when it ſets, add the ſaid Semi-diurnal Ark 4 h. 30 min. to the time of Southing, 5 h. and 7 min. and the Aggregate is 9 h. 37 min. which tells me, that the ſaid Star ſets at 37 min. paſt 9 of the clock the ſame morning.

The like is to be obſerved of any other ſtar placed in the Table beforegoing. It is of excellent uſe to find thereby the hour of the night, when any of the ſaid ſtars in the ſaid Table are to be ſeen above our horizon: And I hope eaſie enough for moſt men for to apprehend.

Something touching the nature of Eclipſes.

1. AS the Stars of Heaven are the moſt excellent Character of the divinity, power, wiſdom and glory of their Creator, in that they are written and engraven by the finger of God himſelf, the father of lights, ſo among the celeſtial Phenomena's the doctrine of Eclipſes takes precedence, becauſe from their obſervations the primary foundations of the whole body of Aſtronomy are confirm'd, evine'd and demonſtrated.

2. For being the Sun is eclipſed only in his conjunction with the *Moon*, and the *Moon* in oppoſition to the Sun, we conclude the cauſe of his Eclipſe to be the interpoſition of the *Moon* betwixt him and the Earth, and the cauſe of the *Moons* Eclipſe the interpoſition of the the Earth betwixt her and *Sol*.

3. Thus the ſolar Eclipſes do manifeſt the *Moon* to be the lower and leſs than the Sun; the lunar evince the earth not founded infinitely below us, as *Xenophon Colophonius* triffl'd, but that Heaven under us are diſtant from *Terra* ſo far upward in reſpect of our *Antipodes*, as here they are, and conſequently

that

A Table shewing when the VII. Stars come to the South every day in the first six Months this Year 1695.

Days	January h.	m.	Feb ruar h.	m.	March h.	m.	April h.	m.	May h.	m.	June h.	m.
1	7 A.	54	5 A.	45	3 A.	55	2 A.	2	0 A.	9	10 M.	3
2	7	49	5	41	3	51	1	58	0	5	9	59
3	7	45	5	37	3	47	1	54	0	1	9	55
4	7	40	5	33	3	43	1	50	11	57	9	50
5	7	36	5	29	3	40	1	46	11 M.	53	9	46
6	7	31	5	25	3	37	1	43	11	49	9	42
7	7	27	5	21	3	33	1	40	11	45	9	38
8	7	23	5	17	3	30	1	36	11	41	9	34
9	7	19	5	13	3	26	1	32	11	37	9	30
10	7	14	5	9	3	24	1	28	11	33	9	26
11	7	10	5	5	3	20	1	25	11	29	9	21
12	7	6	5	1	3	15	1	21	11	25	9	17
13	7	2	4	58	3	12	1	17	11	21	9	13
14	6	58	4	54	3	8	1	14	11	17	9	9
15	6	54	4	50	3	4	1	10	11	13	9	5
16	6	49	4	47	3	0	1	6	11	9	9	0
17	6	45	4	43	3	56	1	2	11	5	8	56
18	6	40	4	39	2	53	0	59	11	1	8	53
19	6	36	4	35	2	50	0	55	10	57	8	48
20	6	32	4	31	2	46	0	52	10	53	8	44
21	6	28	4	28	2	42	0	48	10	49	8	40
22	6	24	4	24	2	38	0	44	10	45	8	36
23	6	20	4	20	2	34	0	40	10	41	8	32
24	6	16	4	17	2	30	0	36	10	37	8	28
25	6	12	4	13	2	28	0	32	10	33	8	24
26	6	8	4	9	2	24	0	28	10	30	8	19
27	6	4	4	5	2	0	0	25	10	25	8	15
28	6	0	4	1	2	16	0	21	10	21	8	11
29	5	56	3	58	2	13	0	17	10	16	8	7
30	5	52			2	9	0	13	10	12	8	3
31	5	49			2	6			10	7		

A Table shewing when the VII. Stars come to South every day in the last six Months this Year 1695.

Days	July h.	July m.	August h.	August m.	Septemb. h.	Septemb. m.	October h.	October m.	Novemb. h.	Novemb. m.	Decemb. h.	Decemb. m.
1	7 M.	59	5 M.	58	4 M.	5	2 M.	9	0 M.	19	10 A.	10
2	7	55	5	54	4	2	2	15	0	14	10	6
3	7	51	5	50	3	59	2	11	0	10	10	2
4	7	46	5	45	3	55	2	8	0	6	9	58
5	7	42	5	41	3	51	2	4	0	2	9	54
6	7	38	5	38	3	48	2	0	11 A.	58	9	50
7	7	34	5	34	3	44	1	56	11	54	9	46
8	7	30	5	30	3	41	1	53	11	50	9	42
9	7	26	5	26	3	37	1	50	11	46	9	38
10	7	22	5	22	3	33	1	46	11	42	9	34
11	7	18	5	19	3	29	1	42	11	38	9	29
12	7	14	5	15	3	25	1	38	11	34	9	24
13	7	10	5	11	3	23	1	34	11	29	9	19
14	7	6	5	8	3	19	1	30	11	24	9	14
15	7	2	5	4	3	15	1	26	11	20	9	6
16	6	58	5	0	3	11	1	22	11	16	9	4
17	6	54	4	57	3	8	1	18	11	12	8	59
18	6	51	4	53	3	4	1	15	11	8	8	54
19	6	49	4	49	3	0	1	11	1	4	8	50
20	6	45	4	46	2	57	1	8	10	59	8	45
21	6	42	4	42	2	53	1	4	10	54	8	41
22	6	39	4	38	2	49	1	0	10	50	8	37
23	6	35	4	34	2	45	0	56	10	45	8	33
24	6	31	4	30	2	41	0	51	10	41	8	28
25	6	27	4	27	2	38	0	47	10	37	8	24
26	6	23	4	23	2	35	0	43	10	33	8	19
27	6	18	4	19	2	31	0	39	10	28	8	15
28	6	14	4	15	2	27	0	35	10	24	8	11
29	6	10	4	11	2	23	0	31	10	19	8	6
30	6	6	4	9	2	20	0	26	10	14	8	2
31	6	2	4	7			0	22			7	58

First of their Southing, which is found by Inspection. Suppose I would desire to know when the 7 Stars are South the 15 day of *January*; I look in the Column of Days, and against 15 under *January* I find 6. 54. which tells me that they come to the South the said 15 day of *January* at 6h. and 54m. Afternoon, or in the Evening of that day, as (A) over-head stands for Afternoon, and (M) for Morning. Do so for all other days in the Year.

Secondly to find the rising of the Pleiades. Herein you must first know, that the Semidiurnal Ark of this Constellation is 8h. 16m. which is your Guide in this matter; this premised. I would know when the 7 Stars rise on the aforesaid 15 day of *January*, which I find by subtracting the Semidiurnal Ark from the time of Southing, by adding 12 ho. to the time of Southing; if otherwise, Subtraction cannot be made and the remainder is the time of their rising.

Example	h.	m.
The time of Southing *Jan.* 15. and 12h. added is	18	54
The Semidiurnal Ark is	8	16
Remains	10	38

Now subtracting 8 h. 16 m. out of 18h. 54 m. (12 h. being added to the time of their Southing) there remains 10 h. 38m. which is the time of their rising that day in the Morning.

Thirdly to find the time of their setting. Add the time of Southing to the Semidiurnal Ark, and your Work is done; the time of Southing is 6h. 54m. as before; the Semidiurnal Ark is 8h. 16m. which added together, makes 15h. 10m. which is the time of their setting, that is at 3h. 10m. the next day in the Morning in our Latitude. Do so for all other Days in the Year.

Those that would know more of the *Rising, Southing*, and *Setting* of some other of the principal fixed Stars, may make use of the Tables and Rules next following.

A Table shewing the Semi-diurnal Arks, and time when any of the Stars therein expressed will come to the South either before or after the Seven Stars, it being of special use to find thereby the hour of the Night.

The Names of the Stars	Time of South in.		Semidiurn. A.	
	h.	m.	h.	m.
The brightest of the Seven Stars	0	0	8	16
Aldebaran, or the Bulls Eye	0	49	7	27
Bright Star of Orion	1	31	5	14
The former Foot of Orions *belt*	2	48	5	57
Following shoulder of Orion	0	10	6	39
Bright Foot of Gemini	2	51	7	30
Syrius *the greater Dog*	3	3	4	30
Procyon *the lesser Dog*	3	54	6	30
The North Asellus	4	56	8	14
Head of Hydra	5	44	6	38
Lyons heart called Cor. Leonis	6	23	7	14
Bright Star of the Lions flank	7	29	8	12
Tail of the Lion	8	4	7	32
Vindemiatrix	9	18	7	9
The Virgins Spike	9	40	5	11
Arcturus	10	33	8	42
South balance	11	5	4	40
North balance	11	32	5	17
Bright Star of the Crown	11	57	8	56
Antares *the Scorpions heart*	11	29	3	21
Bright Star of the Scorpions Neck	11	59	6	40
Head of Hercules	10	29	7	21
Tail of the Vultur	8	37	7	14
Bright Star of the Vultur	7	53	6	43
Bright horn of the Goat	7	28	4	48
Schedir *in Cassiopea.*	3	6	Set not.	

God counteth the number of the Stars, and calleth them all by their Names. Psalm 147. v. 4.

The Explanation and Use of the Table beforegoing of the Fixed Stars, serving for the time of their Rising, Southing and Setting, in our Latitude.

THE beforegoing Table of the Fixed Stars is divided into three Colums; in the first is set down the Names of some of the principal noted Stars; in the second is noted or shewed the time of their Southing, in hours and minutes, either before or after the 7 Stars, as the letters (a) and (b) denote; for (a) sheweth *after*, and (b) *before*; in the third and last Column is noted the *Semi-diurnal* Ark of the said Star expressed in the said Table in hours and minutes, as *Aldebaran*, or the Bulls Eye comes to the South 49 minutes after the seven Stars, as (a) denotes, and *Antares* the *Scorpions* heart comes to the South at 11 hours 29 min. before the seven Stars, as (b) denotes; and the said Star *Antares* Semi-diurnal Ark, is 3 h. 21 m. These things being premised; and first of their Southing.

First you must know the time of the 7 Stars coming to the *South* by their Table, as before I have taught; and then by this Table seek how many hours and minutes the Star given, comes to the South before or after the 7 Stars; then observe, if it comes to the South before the 7 Stars, you are to deduct the hours and minutes found in the aforesaid Table from the time of the 7 Stars coming to the South; but if it comes to the South after, you must make addition; for so the summ or difference will be the true Time of the coming to the South of the said Star.

Example.

The 5. day of *October* the 7 Stars will come to the South (as the Table thereof shews) at 2 of the clock and 4 min. in the morning. And in the Table aforesaid I find the greater Dog comes to the South at 3 h. and 3 min. after; therefore I add those 3 h. 3 min. to 2 h. and 4 min, and the sum 5 h. and 5 min is the time of the greater Dog coming to the South the same morning.

To find the time of Rising and Setting of any of the said Stars. Admit I be required to find the time of the greater Dogs Rising the same day, therefore I seek in the Table,

and I find the Semi-diurnal Ark thereof to be 4 h. 30 min. which I deduct from the time of Southing, 5 h. 7 min. and the reſidue 35 min. ſhews that the ſaid ſtar riſeth the ſaid 5 day of *October* at 37 min. after midnight, or 33 min. before 1 of the Clock the ſame morning. And that you may know when it ſets, add the ſaid Semi-diurnal Ark 4 h. 30 min. to the time of Southing, 5 h. and 7 min. and the Aggregate is 9 h. 37 min. which tells me, that the ſaid Star ſets at 37 min. paſt 9 of the clock the ſame morning.

The like is to be obſerved of any other ſtar placed in the Table beforegoing. It is of excellent uſe to find thereby the hour of the night, when any of the ſaid ſtars in the ſaid Table are to be ſeen above our horizon: And I hope eaſie enough for moſt men for to apprehend.

Something touching the nature of Eclipſes.

1. AS the Stars of Heaven are the moſt excellent Character of the divinity, power, wiſdom and glory of their Creator, in that they are written and engraven by the finger of God himſelf, the father of lights, ſo among the celeſtial Phenomena's the doctrine of Eclipſes takes precedence, becauſe from their obſervations the primary foundations of the whole body of Aſtronomy are confirm'd, evine'd and demonſtrated.

2. For ſeing the *Sun* is eclipſed only in his conjunction with the *Moon*, and the *Moon* in oppoſition to the *Sun*, we conclude the cauſe of his Eclipſe to be the interpoſition of the *Moon* betwixt him and the Earth, and the cauſe of the *Moons* Eclipſe the interpoſition of the the Earth betwixt her and *Sol*.

3. Thus the ſolar Eclipſes do manifeſt the *Moon* to be the lower and leſs than the *Sun*; the lunar evince the earth not founded infinitely below us, as *Xenophon Colophonius* triffl'd, but that Heaven under us are diſtant from *Terra* ſo far upward in reſpect of our *Antipodes*, as here they are, and conſequently that

4. The earth is not cubical, nor pyramidal, nor scaphoidal, or otherwise hollow, nor tympanoidal, not cylindroidal, but on every side p. rfectly round, or terminated by a globole figure; because that not only the shadow of the Earth (in the moon's body) is always and on every part observed to be round; but also that such as live eastward do number more hours from their meridian, for the beginning or ending of an Eclipse, than such as live westward proportionably to their distance.

5. By Eclipses also of the moon, we know that the earth is moved (or placed) in the middle of the Zodiack; because that she is eclipsed only in the opposite places thereof.

6. The oriental or occidental Eclipses of the moon tell us, one half of the World is always visible; and that daily one half of the Zodiack rises above the Horizon.

6. The Lunar Eclipses best discover to us the Longitude of places upon the Earth, and assure us the earth and water make but one Globe.

7. That the Mountains of the Earth are not to be compared to the bigness thereof; the equal roundness of the shadow tells us, wherein we observe no inequity or cleft, by reason of the Valleys, nor yet any part thereof extended more than the rest because of the mountains.

8. And altho the true and certain place of the moon can not be taken by any instrument whatsoever, because of her Parallexes; nature or the God of nature hath supplied this defect by her Eclipses; for the moon posited in *medio tenebris*, is then to be understood to be in opposition to the sun: by these defects therefore the motions and mutations of the moon are found out and demonstrated.

9. Lunar Eclipses demonstrate the shadows of the earth to be conical, terminating in a sharp point, and in the same places of the moons transits, to be sometimes thicker otherwhiles more slender, notwithstanding a certain yield and respect had to the sun's motion; and consequently that the sun is moved (or so seems to be) in an excentrical Orb.

Hence

10. Hence likewiſe we gather, that the Sun is far greater than the Earth, and the Moon leſſer; ſo the ſolar Eclipſes demonſtrate the diſtances of the Luminaries from the Earth to be different and therefore to be moved in excentricks or epycicles: hereby alſo is found out a Rule for meaſuring the diſtances of the Sun and Moon from the Earth, and the magnitudes of their ſeveral bodies.

11. And Laſtly, By Eclipſes of the Luminaries the God of Nature forewarns this ſinful World of the Revolutions of Kingdoms and States, the death and detriment of Princes, Governors and great Men, of Hereſies, Sects and Seditions in the Church, alterations of the Laws and Cuſtoms, of Drought and Innundations of Rivers, Wars, Famine, Plague and Peſtilence, in a word the Viciſſitude of all ſublunary things.

Levate in excelſos oculos veſtros, & videte quis creaverit iſta.

Of the Eclipſes *happening within the compaſs of this preſent year* 1696.

THere will happen within the compaſs of this years Revolution, but two viſible Eclipſes, and they both will be of the Moon: there will be two of the Sun alſo, but they will not be ſeen of us here in *England*. They of the moon happen thus, *viz.*

The firſt Eclipſe of the moon will be on the 6 day of *May* and will be a great Eclipſe, and viſible unto us in caſe the air prov clear at that time which it will happen; the moon will loſe her light in the ſouthern angle, being the angle of honor; in the 27 deg. of the martial Sign *Scorpio*: it will happen thus the beginning of this Eclipſe will be at 51 m. paſt 9 at night, begining of total darkneſs 5 m. paſt 10. the middle or greateſt obſcuration 47 m. paſt 11. end of total darkneſs 41 m. paſt 12 at midnight, the perfect end of the defect is at 43 m. paſt

one in the morning the 7 day, total duration from begining to end will be 3 h. 53 m. the digits eclipſed are 21 d. 28 m. *ergo* a great Eclipſe. Latitude of the moon at the begining 8 m. and 18″ ſouth aſcending, and at the end 3 m. 2″ north aſcending.

The ſecond defect of the moon will happen *October* 30. and is celebrated in 18 deg. of the celeſtial Bull. This alſo will be a great viſible and total Eclipſe, and may be ſeen of early riſers if the Air prove fair and clear for the purpoſe, the beginning whereof is at 44 m. paſt two of the Clock morning, begining of total darkneſs is at 43 m. paſt 3. end of total darkneſs at 25 m. paſt 5. the perfect end or recovering of her light again is at 25 m. paſt 6. the middle or greateſt obſcuration of this Eclipſe is at 34 m. paſt 4 morn. the total duration is 3 h. 42 m. the digits or parts eclipſed are 21 deg. 39 m. Latitude of the moon at the beginning is 9′ 28″ north deſcending; and at the end 3′ 56″ ſouth deſcending.

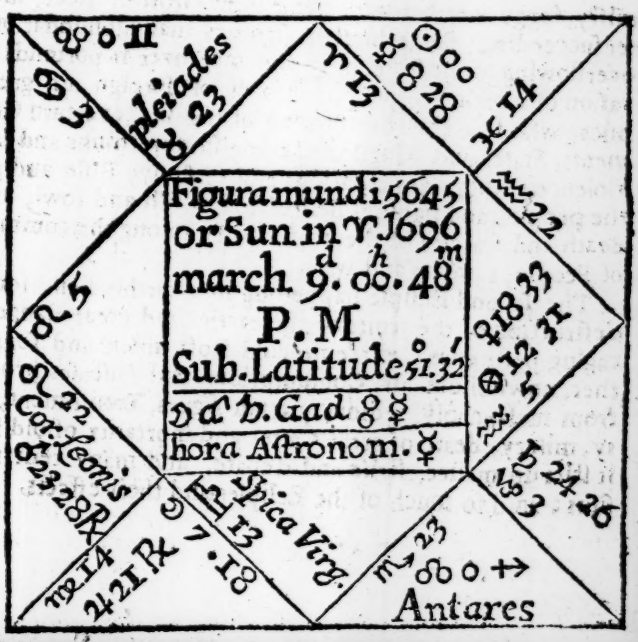
The firſt Eclipſe falls in the watery ſign *Scorpio*; it foreſhows troubles at ſea, ſtorms and tempeſts there; cold, cloudy miſty, foggy weather with much ſnow, froſt or ſleet, the winter ſucceeding. Sometimes it ſignifies many inundations and overflowing of the ſea banks, and moreover it portends an invaſion of a nation or people, inroads of foreign and great Armies, who like the overflowing of the ſea, overturn Governments, States and Kingdoms, bring in new things and laws by violence, Ruin, depredations and tyranny, Rule and govern the people, and ſignifies deſtruction of fiſh and fowl, and ſo a death and ſcarcity of them, mortality among the common ſort of People, tumults and wars.

The ſecond Eclipſe happening in a earthly ſign, foreſhows deſtruction of the fruits of the earth, and great dangers of a raging peſtilence; extreme cold froſt, thick and foggy weather, unwholſom air, Conſumptions and Diſeaſes proceeding from melancholy, tedious quartan Agues, Baniſhment, Poverty, miſery, death of great Cattel and mortality of old People; it ſtirs up malice, ſtrife and debate, and many tedious Lawſuits; and ſo much of the Eclipſes and their effects.

Of

Of the Four Quarters of the Year, and first of the Spring.

IF this then be the Season of the Year wherein the World had its birth, as the most learned Divines, Chronologers and Astronomers have unanimously concluded, it followeth next that we consider the Revolution thereof. Therefore this Spring Quarter commenceth this Year 1696. at that moment of time when the Sun, that glorious lamp of Heaven, enters the first point of Aries, or the Earth into Libra which you please, making thereby the days and nights of equal length throughout the world: now doth the Sun approach towards our Zenith, being elevated at noon above our horizon 31 d. 20 m. and by his comfortable rays doth much exhilerate the drooping spirits of men, and all other vegetative creatures on the north side of the Equinoctial line, as the meadows and hills with fresh green grass, the gardens with budding flowers, and the naked trees with green leaves, &c. this Quarter as aforesaid, happens this Year on Monday March 9 (according to the Astronomical Table of that laborious Astronomer deceased, Vincent Wing in his Astronomia Britannia) at 48 m. past noon the said 9 day; at which time the Heavens will appear in this manner in the Latitude of London.



It was the Opinion of Haly *and* Guido Bonatus, *that if a fixed Sign did aſcend, at the time of the Suns ingreſs into the firſt point of Aries, then that Figure ſhall ſerve for the Judgment of the whole year; and that Planet which is Almuten, and hath moſt eſſential Dignities in the figure, ſhall be Lord of the whole year. But now ſome of our modern Aſtrologers are of nother Opinion, that this revolutional Figure is but one, whether a Sign fixed, common or moveable aſcend. But I ſhall follow the opinion of the 2 firſt, and ſhall according to their method extract the Dignities and Debilities of the Planets as I find them poſited in the figure of this Revolution. I find Saturn hath 8 Teſtimonies of fortitude, Jupiter is weak by 11 debilities, Mars is ſtrong by 8 teſtimonies of fortitude, the Sun ſtrong by 9 teſtimonies, Venus hath 15 clear teſtimonies of ſtrength, Mercury is weak by 4 debilities, and the Moon is ſtrong by 6 Teſtimonies; therefore the Sun, Venus and Mars are the chief Gubernators or Lords of this year 1696. and from hence I conclude that the Sun is principal Lord of this year, becauſe he hath great dignities in the Aſcendant with a Trine; by which I judge the King and his Nobles ſhall be happy and fortunate this year and be much eſteemed and honoured by the People, who ſhall be in a good condition, very proſperous and ſucceſſful in all their Affairs in general; Corn, Cattel and other proviſions ſhall be plenty, alſo Gold and all Solar things, which I wiſh we may find ſo in this our Nation, and that we may have peace and plenty again in this Land and alſo to live free from war, diviſion and diſtraction. Mars having great dignity in this years Revolution, portends much Felicity and proſperity to all martial perſons in general; Soldiers will be very ſucceſsful and perform many notable exploits, and overcome their Enemies, and gain good eſteem and honor thereby; and Mars with the Lions Heart in the time of the revolution, portends great heat, burning of Houſes, Lightnings, wars and ſuch like; Venus ſtrong in the Figure and poſited in the ſeventh Houſe, according to* Haly, *portends that the year ſhall prove fortunate and ſucceſsful, the people ſhall thrive and proſper and delight themſelves in ſports and recreations, they ſhall rejoyce and be merry, feaſt and contract many Marriages; women ſhall delight in the ſociety of their Husbands, and eaſily conceive and bear Children, ſo that the year in general ſhould be accompanied with much felicity: Jupiter in the 3. houſe in the figure of the Revolution, portends that the People will be fortunate in their inland Journies, and have much pleaſure there-*

in,

in, and much addicted to religion, and honeſty and devotion; and the Moon being in the third (the common Peoples ſignificator) chimes to the ſame tune, but Dragons tail in 11 houſe portends ſtrife and contention among the greateſt profeſſors of friendſhip, plotting and contriving the ruin of one another; many other things may be noted in this vernal Figure, but my room grows narrow, and ſo I come to take Obſervations on the Summer Quarter.

Summer Quarter.

ON Wedneſday *the* 10th *day of* June, *about 7 min. paſt 2 Clock in the Afternoon, the Sun makes his Ingreſs into the firſt Scruple of the Septrional and Tropical Sign* Cancer, *making thereby the Longeſt Days and the Shorteſt Nights in the Year, at which time the* 28 *degrees of* Libra *Aſcends, and the* 5 *degree of* Leo *is on the Midhaven: The Moon ſeperates a* △ *of the* ☉ *and applies to the* □ *of* Venus; *and afterwards to an* ☌ *of* ♃ *and* ♂, ♄ *is then poſited in the third Houſe of the Figure;* ♃ *and* ♂ *in Conjunction of the* 11 *Houſe; the* ☉ *and* ☿ *in the* 9*th.* ☿ *in the* 8*th. It is but an untoward face of Heaven in my judgment, when the* ☽ *is* ☌ *to her Diſpoſiter; and alſo when the Lady of the Aſcendant is poſited in the* 8*th. and* ♃ *afflicted by the body of* ♂: *But ſeeing the Houſe hath on the Cuſp thereof a Regal Sign, and being the Houſe of Kings, and* ♃ *and* ♂ *being in* ☌ *in the* 11*th. which is the ſecond from the tenth, it promiſes the King of* England *great Riches by Command in War, and great Renown in all Martial Enterprize. The Diſeaſes that People will be moſt ſubject unto this Spring and Summer Quarters, are Rheums, Conſumptions, Black Jaundice, Palſies, Vain Fears, Gouts of all ſorts, Fractures, Ruptures, Deafneſs, Pains in the Bones, Iliack Paſſion, Pains in the Bladder, Madneſs, and all long and tedious Diſeaſes that proceed from Melancholy, Fear and Grief; alſo Corruption of Blood and ſuch like Quartain Agues; becauſe* ♄ *was Lord of the ſixth Houſe in the Vernal Figure and poſited therein. And ſo much for the Summer Quarter.*

Autumn

Autumn or Harveſt.

THis Quarter begins at ſuch time as the Sun (that glorious Lamp of Heaven) enters into the firſt point of the Equinoctial Sign Libra. It happens this Year on Saturday the 12. day of September about 47 min. paſt 6 morning, making the days and nights of equal length again; at which time the celeſtial Balance aſcends our Horiſon, and 11 d. of the Crab mediates Heaven; the Moon ſeparates from a ✶ of ♃ to □ ♂, ♃ ☿ ♀ on the cuſp of the Aſcendant; and ☉ in 12. ♄ 4 and ♂ in 2d. houſe, with ☊; this is a favourable poſition of Heaven, as to my Judgment, for the Planets are in friendly rays to one another before and after the Suns ingreſs; I hope there is like to be great endeavours uſed for a peace with England about this time; Diſeaſes likely to afflict men this Quarter are infirmities of the liver and veins, inflammations of the liver and lungs, windineſs and corruption of the blood, ſurfeits, ſcurvy and all other obſtructions of liver and ſtomach, alſo agues, fevers and ſuch like.

Winter.

THE Winter Quarter, according to Aſtronomical computation, begins Thurſday December 10. 38 m. paſt 6 Afternoon, the Sun then making his ingreſs into the firſt point of the tropical, meridional, ſolſtitial ſign Capricorn, at which time he hath his greateſt ſouth declination from the Equinoctial, viz. 23 d. 30 m. cauſing ſhorteſt days and longeſt nights, the day being 7 h. 34 m. and the night 16 h. 26 m. the Scheme almoſt the ſame in reſpect of Angles as it was in the vernal Quarter, ☽ ſeparates from ✶ ☉ to ✶ ♂. all the Planets are under the Earth, ♄ ☿ ♂ in 6 houſe in conjunction, and ☉ in 6th. alſo; ☽ and ♀ in 5th. ♃ in 4th. in □ to ♂. It is a very ill poſition of Heaven in earneſt, but ſeeing it happens ſo late in the end of the year, I ſhall ſpare my Judgment thereon.

God

God preſerve our moſt Gracious King William, *and grant him Victory over all his Enemies, and grant him a long and happy Reign over us.* Amen.

Now having walk'd through the twelve Celeſtial *Signs*,
And view'd the motions of the wandring ſeven,
Felt the Effects, whoſe light ſo ſhines,
All Creatures ſhare in't that are under Heaven.
Let us ſtrike *Sail*, and ſo conclude our *Story*,
Giving to God all Honour, Praiſe and Glory.

Ticehurſt *in Com.* Suſſex *vicef. octav. die Maii* 1695.

Yours
T. FOWLE.

FINIS.

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